

Frequency of Land Application

Infrequent Application:

Land application sites receiving “infrequent” biosolids and/or industrial sludge applications shall be managed in accordance with the following requirements:

- a. Biosolids and/or industrial sludge shall be applied on a once per three-year basis. None of the sites that previously received a complete application of biosolids shall be used again until at least three years after the date of the last application. For the purposes of this permit special condition, a complete biosolids and/or industrial sludge application shall be defined as the sum of all biosolids and/or industrial sludge applications made within a 12 month period, regardless of whether or not the target level of nutrient addition was achieved.
- b. The rate of biosolids and/or industrial sludge application shall never exceed 15 dry tons per acre per three years.

Frequent Application Below Agronomic Rate:

Land application sites receiving “frequent, below agronomic rate” biosolids and/or industrial sludge applications shall be managed in accordance with the following requirements:

- a. The application of biosolids and/or industrial sludge together with any other source of Plant Available Nitrogen shall not exceed 70% of the agronomic loading rate for the crops grown on each site.
- b. A maximum of 70% of the nitrogen requirement of the permanent pasture or hay crop can be applied on an annual basis. The 70% application rate shall be calculated after accounting for the previous two years' applied biosolids and/or industrial sludge nitrogen mineralization rates.
- c. A maximum of 50% of the nitrogen requirement of the permanent pasture or hay crop can be applied on an annual basis. It is not necessary to account for the previous two years' applied biosolids nitrogen mineralization rates under this option.
- d. The rate of biosolids and/or industrial sludge application shall never exceed 15 dry tons per acre per year.